

CANCELLED

This is to certify that the following modification of the pattern and variants of the
Avery 1215 BFL Weighing Instrument

0 (1)

approved in Certificate No 6/4B/1 dated 10 December 1973 and subsequent
variations

submitted by Avery Australia Ltd,
3-5 Birmingham Avenue,
Villawood, New South Wales, 2163,

has been approved under the Weights and Measures (Patterns of Instruments)
Regulations as being suitable for use for trade.

Date of Approval: 4 July 1974.

The approved modification is fitting a 750-g capacity by 10-g graduations weight
and price chart with unit-price range 1 c/kg to 450 c/kg, and is described in
Technical Schedule No 6/4B/1, Variation No 2, and in drawings and specifications
lodged with the Commission.

The approval is subject to review on or after 31 December 1975.

All instruments conforming to this approval shall be marked with the approval
number "NSC No 6/4B/1".

Signed



ACTING
Executive Officer

Informed

4/7/74



CANCELLED

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4B/1

Pattern: Avery 1215 BFL Partly Self-indicating Price-computing Weighing Instrument

Submittor: Avery Australia Ltd, Villawood

Date of Approval: 10 December 1973

The 130-c/lb price-computing chart was approved on 17 November 1966 and the 200-c/lb price-computing chart was approved on 10 May 1971, both as variants of State-approved patterns.

The approval of the 200-c/lb price chart expired on 30 March 1972.

A. DESCRIPTION

1. The pattern (see Figures 1, 5 and 8) is of a partly self-indicating price-computing weighing instrument and comprises a lever system as described in Certificate No 6/4A/3 but with an adjustable weight fitted to the main lever (see Figure 6). The spring-resistant mechanism is as described in Certificate No 6/4A/3.

The headwork may be positioned parallel to or at 90° to the main lever.

The mechanism is designed to compensate for tilts of up to 3° in any direction from horizontal.

NOTE: This Schedule comprises

Pages A1, A2, B1 and B2 dated 28 December 1973

Figures 6/4B/1 - 1, 3 and 4 dated 18 May 1971

Figures 6/4B/1 - 5 to 8 dated 28 December 1973

Pages 1 to 3 and Figure 2 of the Certificate dated 18 May 1971 are superseded.

A copy of the Certificate to which this Schedule refers was issued to the Head Office of each Weights and Measures Authority and the submittor on 12 December 1973.

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The base is fitted with four adjustable feet.

2. Approval has been granted for the following arrangements:

Instrument capacity	10 kg	14 lb	14 lb
Dial capacity	1 kg	1½ lb	1½ lb
Graduation value	10 g	¼ oz	¼ oz
Price-computing chart	450 c/kg (Fig 7)	130 c/lb (Fig 3)	200 c/lb* (Fig 4)

* Approval expired on 30 March 1972.

B. TEST PROCEDURES**1. Zero Adjustment**

Set zero by adding or subtracting weight from the balance box located beneath the weights receptor.

Check that zero can be set to within $\pm \frac{1}{4}$ graduation, and that after disturbing the weighing mechanism the zero indicator is repeatable within $\pm \frac{1}{4}$ graduation.

2. Uneven Loading Test

Level the instrument and set zero as described in item 1. Place a load equal to half instrument capacity centrally on the weights receptor and an equal weight at the mid-point of each edge of the load receptor. Repeat uneven load test on the weights receptor. Each indication of the weight shall be correct within the applicable tolerance.

3. Weighing Accuracy

Level the instrument and set zero as described in item 1. Apply at least 10 test loads between zero and the dial capacity and apply test loads at maximum and minimum capacity of each weighing range.

The test shall be applied with an increasing and decreasing load.

The weight indicated at each load shall be within the tolerance of $\pm \frac{1}{2}$ graduation for the first 500 graduations and ± 1 graduation over 500 and up to 2000 graduations.

4. Price-computing Accuracy

Check the accuracy of the price-computing chart to $\pm \frac{1}{2}$ price graduation at zero, 400 g, 500 g and 1 kg for unit prices shown in Table 1. In addition, check that all graduation lines are present and all graduation numbers are correct in each price scale.

TABLE 1

Unit price c/kg	Price at 400 g cents	Price at 500 g cents	Price at 1 kg cents
1			1
2		1	2
3			3
4		2	4
5	.. .. .	.. .. .	.. 5
6		3	6
7			7
8		4	8
9			9
10	.. .. .	.. 5 ..	.. 10
70	28		70
80	32		80
90	36		90
100	40		100
110	.. 44 ..	.. .. .	.. 110
120	48		120
130	52		130
140	56		140
150	60		150
160	.. 64 ..	.. .. .	.. 160
170	68		170
180	72		180
190	76		190
200	80		200
210	.. 84 ..	.. .. .	.. 210
230	92		230
250	100		250
270	108		270
290	116		290
300	.. 120 ..	.. .. .	.. 300
310	124		310
330	132		330
350	140		350
370		185	370
390	.. .. .	195 ..	.. 390
400		200	400
410		205	410
430		215	430
450		225	450

Test Procedure for 1-kg Price-computing Chart



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4B/1

VARIATION No 1

Pattern: Avery 1215 BFL Weighing Instrument

Submitter: Avery Australia Ltd,
3-5 Birmingham Avenue,
Villawood, New South Wales, 2163.

Date of Approval of Variant: 28 May 1974

The modification described in this schedule applies to the pattern and variants described in the following pages and figures of Technical Schedule No 6/4B/1 dated 28 December 1973:

Pages A1, A2 dated 28 December 1973

Figures 6/4B/1 - 1, 3 and 4 dated 18 May 1971

Figures 6/4B/1 - 5 to 8 dated 28 December 1973

All instruments conforming to this approval shall be marked "NSC No 6/4B/1".

Description:

This variation approves the fitting of a chart which is graduated to 750 g by 10-g graduations and a series of price scales based on unit prices from 2 c/kg to 400 c/kg marked on an indicator blade (see Figure 9).



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4B/1

VARIATION No 2

Pattern: Avery 1215 BFL Weighing Instrument

Submittor: Avery Australia Ltd,
3-5 Birmingham Avenue,
Villawood, New South Wales, 2163.

Date of Approval of Variant: 4 July 1974

The modification described in this schedule applies to the pattern and variants described in the following pages and figures of Technical Schedule No 6/4B/1 dated 28 December 1973 and Technical Schedule No 6/4B/1, Variation No 1, dated 6 June 1974:

Pages A1, A2 dated 28 December 1973

Page 1 dated 6 June 1974

Figures 6/4B/1 - 1, 3 and 4 dated 18 May 1971

Figures 6/4B/1 - 5 to 8 dated 28 December 1973

Figure 6/4B/1 - 9 dated 6 June 1974

All instruments conforming to this approval shall be marked "NSC No 6/4B/1".

Description:

This variation approves the fitting of a chart which is graduated to 750 g by 10-g graduations and a series of price scales for unit prices from 1 c/kg to 450 c/kg (see Figure 10).

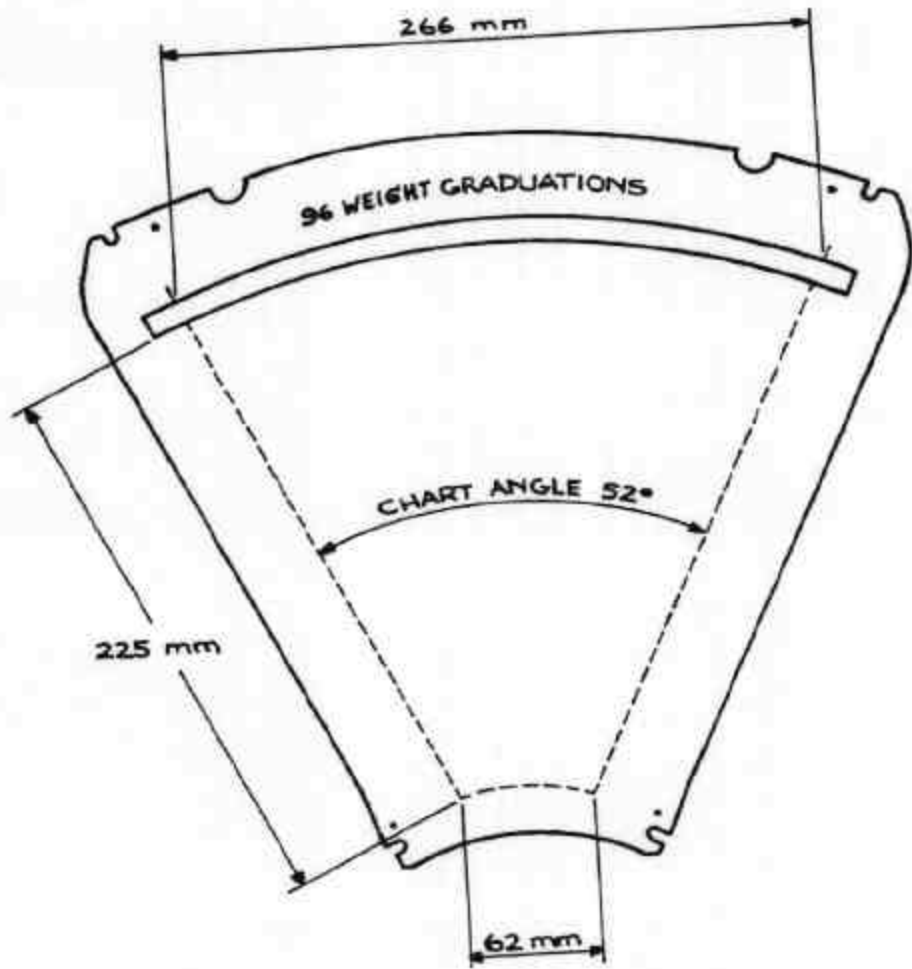
FIGURE 6/4B/1 - 1



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Avery 1215 BFL

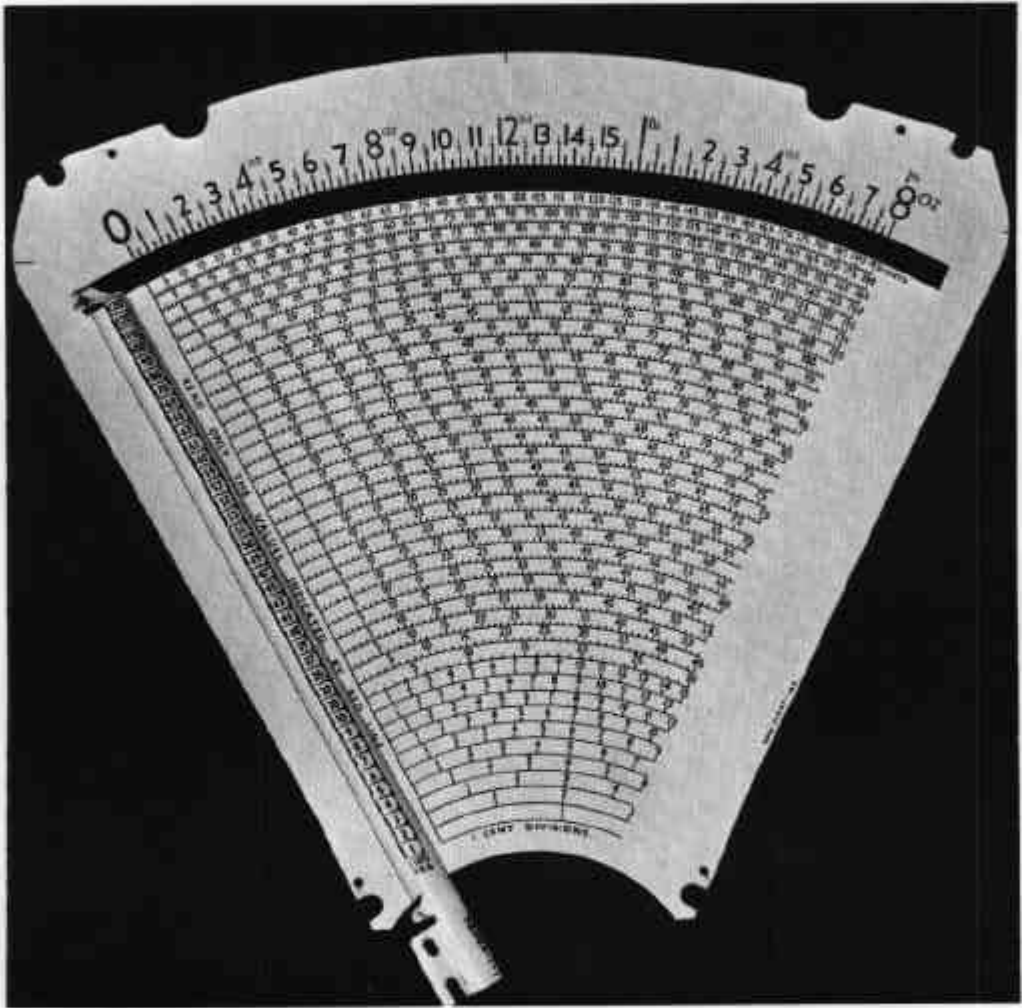
FIGURE 6/4B/1 - 2



Dimensions for Avery 1215 BFL Chart

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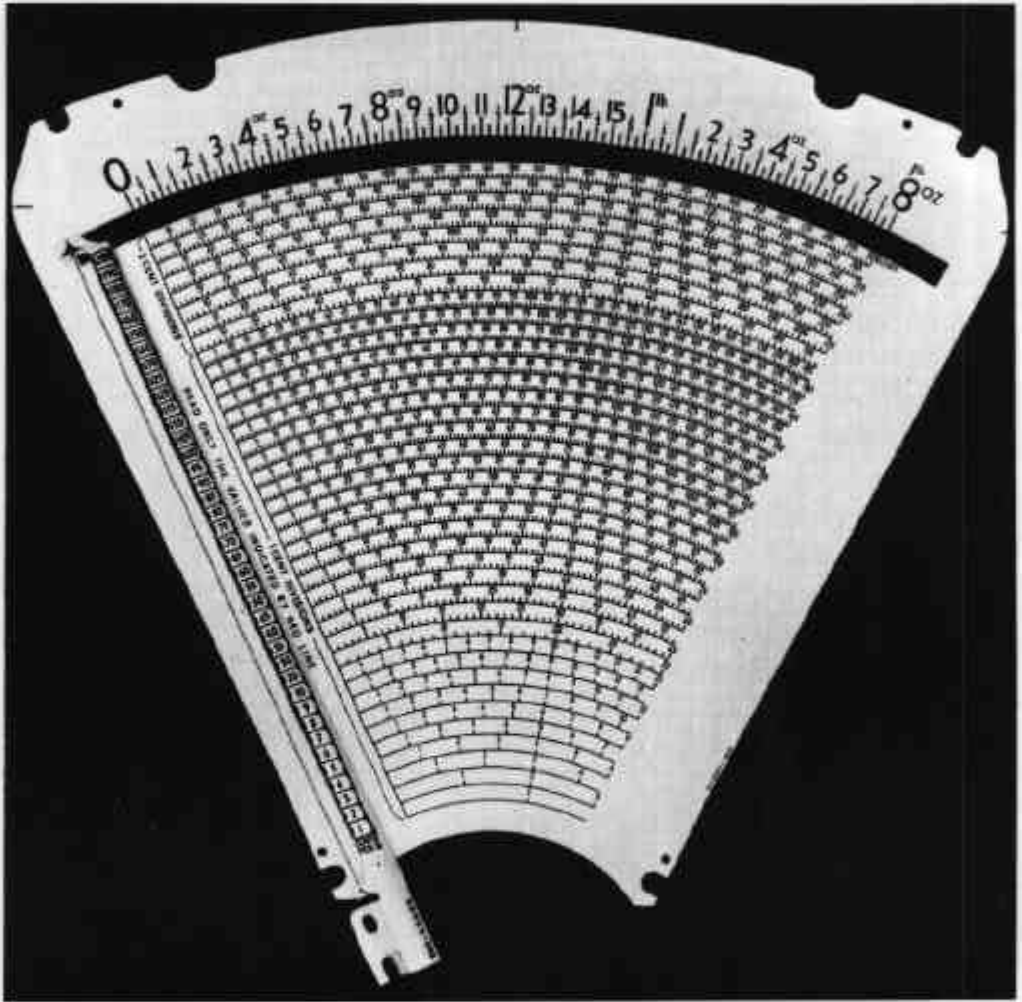
FIGURE 6/4B/1 - 3



130 c/lb Chart and Pointer

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FIGURE 6/4B/1 - 4



200 c/lb Chart and Pointer

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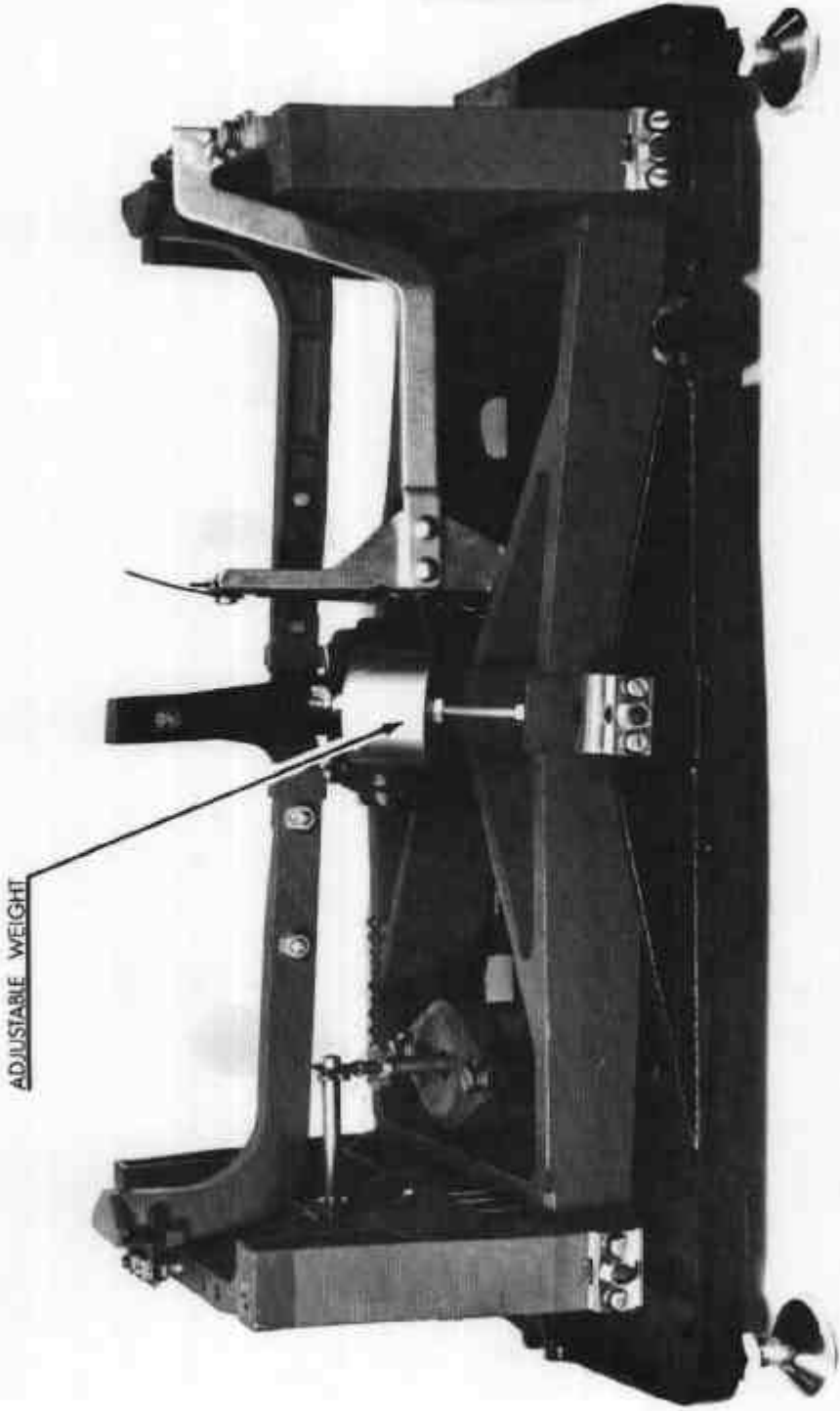
FIGURE 6/4B/1 - 5



Avery 1215 BFL — Vendor's Side

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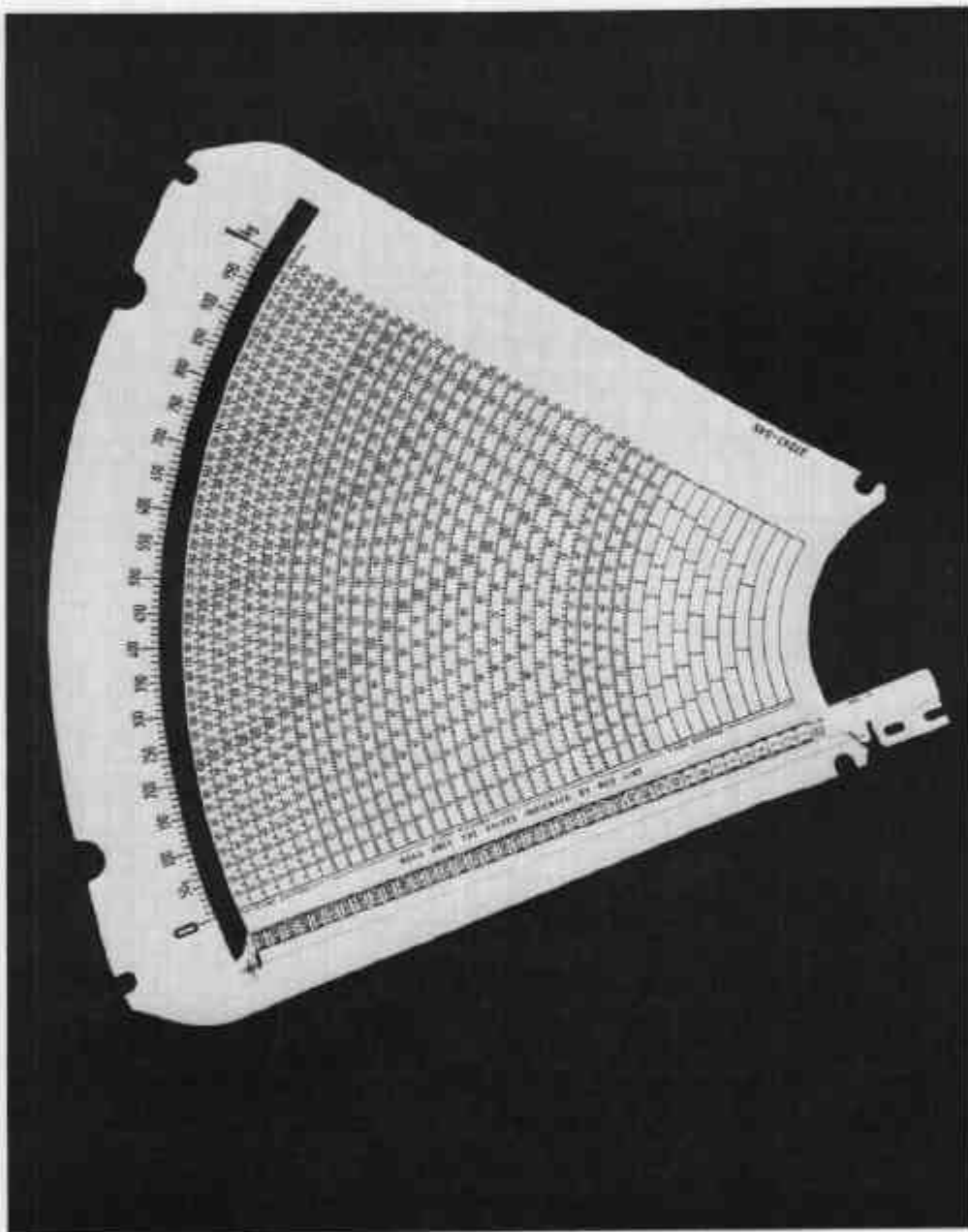
FIGURE 6/4B/1 - 6



Basework Lever System

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FIGURE 6/4B/1 - 7



1-450 c/kg Chart and Pointer

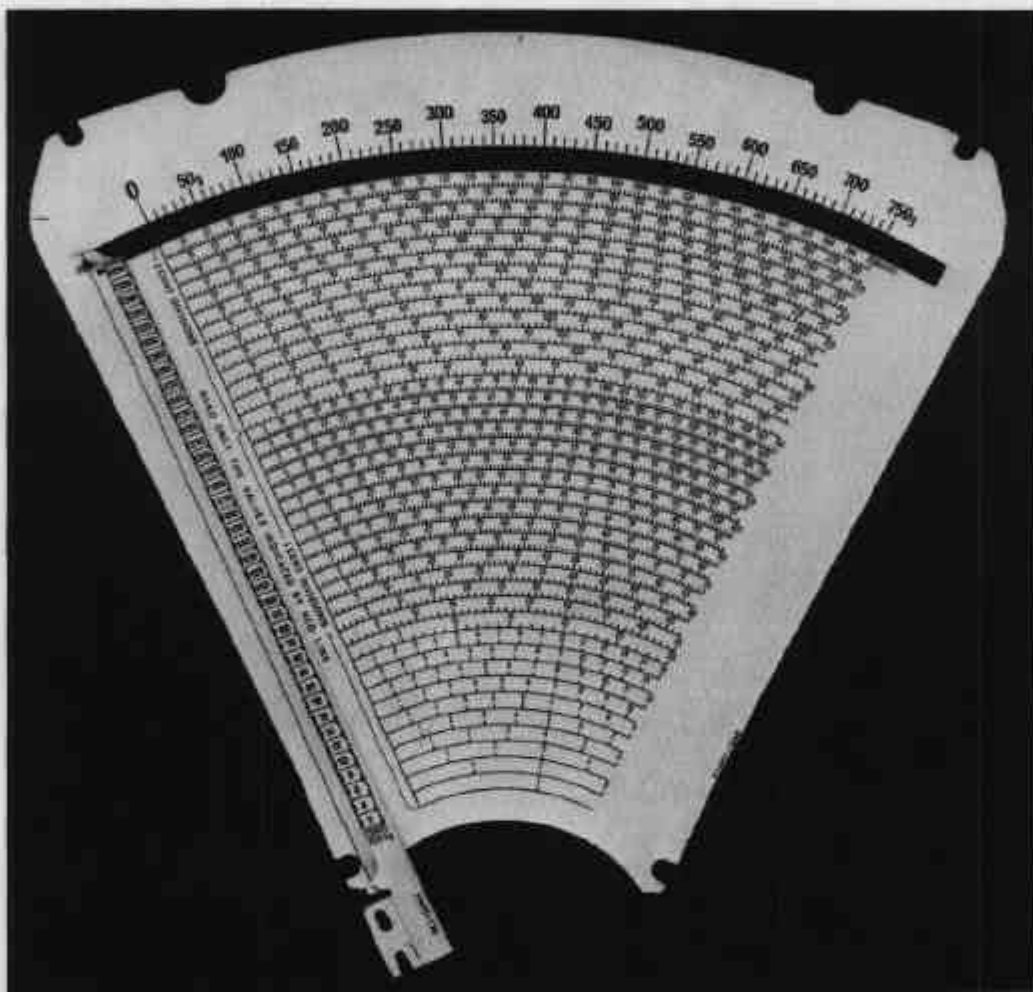
FIGURE 6/4B/1 - 8



Avery 1215 BFL — Purchaser's Side

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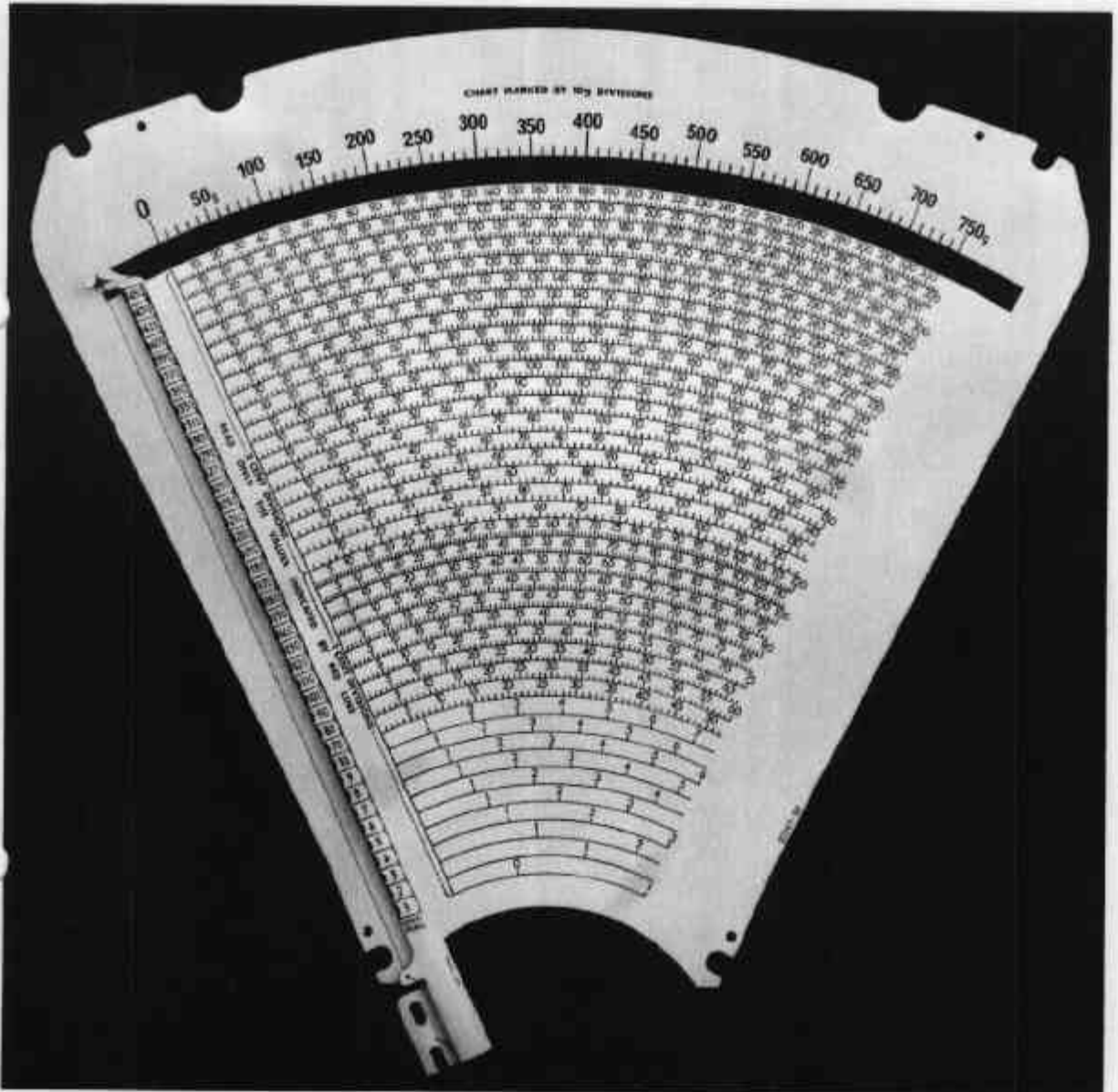
FIGURE 6/4B/1 - 9



2 to 400-c/kg Chart and Indicator

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FIGURE 6/4B/1 - 10



1 to 450-c/kg Chart and Indicator

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